





|||||||  
TTTAAGATGAACTCACACTTAACTTCTACGCTTTCAGCTAACCAATTATAAGCTTCATTG  
1030 1040 1050 1060 1070 1080 1090  
CTTTGGAAATGATGCTGCTTTCGTTCTCGTTTAGATACTTAACACTTACCACTGCGCATGTCAC  
1030 1040 1050 1060 1070 1080 1090  
CTTTGGAAATGATGCTGCTTTCGTTCTCGTTAGATACTTAACACTTACCACTGCGCATGTCAC  
1100 1110 1120 1130 1140 1150 1160  
  
1100 1110 1120 1130 1140 1150 1160  
TGTCAGTCATAACTTCACACTGACAAATGTTAATTATGATTATACTGTGACATTAA  
1110 1120 1130 1140 1150 1160 1170  
TGTCAGTCATAACTTCACACTGACAAATGTTAATTATGATTATACTGTGACATTAA  
1170 1180 1190 1200 1210 1220 1230 1240  
  
1170 1180 1190 1200 1210 1220 1230 1240  
AGATTGTTTTCAGCTGGTTCATAGGTACTAGATACTAAACTGTTAACTTACCTTTCCATGATG  
1170 1180 1190 1200 1210 1220 1230 1240  
AGATTGTTTTCAGCTGGTTCATAGGTACTAGATACTAAACTGTTAACTTACCTTTCCATGATG  
1250 1260 1270 1280 1290 1300 1310  
  
1250 1260 1270 1280 X  
TCAACTGCTTAAGTTTATGCCAGAAATAATTATATA  
1250 1260 1270 1280 X  
TCAACTGCTTAAGTTTATGCCAGAAATAATTATATA  
1320 1330 1340 1350 X

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1  
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QASMTWRSKRMGKTRGAAA. RGADRAGPSGQLDQGRQLCDLHRRCDQVAERQGRSGPPVVGILRP. EGS  
DHROETSPCLASSSIISPVCSNWPWL ALLOG. RAAETIWDAKYKLESTLTUYAALYC. LF DEHTIF  
STAEPPSSNOSIISPHLSEGMMLIUGERVKLKHFTLPC. IMESQYNEHNLINKNVL. LIFCUIKIVFPG  
CFGTRILNCY. P.FHDVNCLSFAEINTVFI

AJ275972 pep 3 *far frome 3*

WFRILVL . HWLAKGKTELLUSF . PYV . KMIGQOHINSPPSPSKRVSKELGKTERKAEEVOITPKKL  
SSNEVKTSPOLEVEOLERMAKKAAIDKIRAKATPAGFGETWRRELAEEBKPKYKOLMSFVAEDRS  
RHTMYPPADQVYSWTEMCIDQYKVVILGODPYHGPNGDAHGLGFSVQCPVPPPPSPLUNYKELCTDGF  
KHPGHGDLSWAOGVLLNAVITRAHANSKDRGNETFDRAVIKWLVSNEGVVFLMGSYAHKGGA  
TIDERKRHHVYLOAHPSPSAHRGFUGCKHSKANGLLKLSGTBEINWEAL . LFMLPYTVCNCFRMNNTLYF  
LQFOVOTNL . AFICCLE . CCFEVYLDT . NTLPCHVDSCSVNNTFTT . TKMFLFYN . LYSVH . RLFFFSQA  
VS . VLGY . TVINLFSMMSTA . VFMQK . IYI

O < IntelliGenetics

אנו נאבקים בפזניטיס וברוחן של מלחמות

Release 5.4

Query sequence being compared: AJ275971-pep\_3 (1-426)  
Number of sequences searched: 6  
Number of scores above cutoff: 6

File : trans\_pep  
Results of the initial comparison of AJ275971-pep\_3 (1-426) with:

The graph illustrates the relationship between the number of nodes ( $N$ ) and the number of edges ( $E$ ). The data points show a non-linear increase in edges as the number of nodes increases, eventually leveling off. Key features include:

- X-axis:** Labeled  $N$ , ranging from 0 to 1000.
- Y-axis:** Labeled  $E$ , ranging from 0 to 1000.
- Curve:** Represents the relationship between  $N$  and  $E$ .
- Dashed Vertical Line:** At  $N = 500$ .
- Solid Vertical Line:** At  $N = 1000$ .
- Dashed Horizontal Lines:** At  $E = 500$  and  $E = 1000$ .
- Intersection Points:**
  - Curve intersects  $E = 500$  at  $N \approx 369$ .
  - Curve intersects  $E = 1000$  at  $N \approx 415$ .

	PAM-150	K-tuple	1
similarity matrix			
threshold level of sim.	16%		
ismatch penalty	1	Joining penalty	20
p penalty	5.00	Window size	426
p size penalty	0.05		
toff score	1		

SEARCH STATISTICS

Score:	Mean	Median	Standard Deviation
141	19	19	196.66

Entered By: [REDACTED] Total Amount: 00:00:00.00  
Date Entered: 00:00:00.01

Number of residues: 100  
Number of sequences searched: 100

The scores below are sorted by initial score. Significance is calculated based on initial score.

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80 90 100 110 120 130 140

130 140 150 160 170 180 190  
ADQYSWTEMCIDIQVKVVLGQDPIHGDNQAHLGLCFSVQKPVPPPSVNIYKELCTIDGPKHPGGDLS150 160 170 180 190 200 210  
ADQYSWTEMCIDIQVKVVLGQDPIHGDNQAHLGLCFSVQKPVPPPSVNIYKELCTIDGPKHPGGDLS200 210 220 230 240 250 260  
GWAQGVLLNAVLTVAHQANSHKDRGWEFTDAVIKVLSVNREGVVFLLWSSYAHKKGATIDKRHHVQLQ220 230 240 250 260 270 280  
GWAQGVLLNAVLTVAHQANSHKDRGWEFTDAVIKVLSVNREGVVFLLWSSYAHKKGATIDKRHHVQLQ270 280 290 300 310 320 330  
AVHESPLSAHRGFGLGCKHFSKANGILKLSTEPINWRAILFMLPYTNCFRKNITLYFLQFQVOTNLAFIC  
290 300 310 320 330 340 350  
AVHESPLSAHRGFGLGCKHFSKANGILKLSTEPINWRAILFMLPYTNCFRKNITLYFLQFQVOTNLAFIC340 350 360 370 380 390 400  
LLECCFWSYLDNTLPLCHVDSCSVNVITPTTKMLFYNIYSVARLFFSGAVSVLGYTVNLFSMMSTAVFMQ370 380 390 400 410 420 430  
LLECCFWSYLDNTLPLCHVDSCSVNVITPTTKMLFYNIYSVHRLFFSGAVSVLGYTVNLFSMMSTAVFMQX  
KIIY  
KIIY  
X